$Table\ 1.\ Summary\ of\ 2005\ Ruffe\ Surveillance\ Effort\ in\ Lake\ Superior.$ (On the Periphery and Outside of the Detected Ruffe\ Range)

| (On the Periphery and Outside of the Location | Agency | Effort * | Gear | Date | Ave. Btm. Temp (°C) | Ave. Depth (m) | Ave. Secchi (m) |) RUFF |
|---|---|--|----------------------------------|---|---------------------------------------|-------------------|--------------------|--------|
| Lake Superior (Dedicated Surveillance) | _ | | | | | , , , | | |
| Keweenaw Waterway (Pike Bay)** | FWS | 15.00 | BT-4.9 | 5/17/05 | 10.0 | 4.4 | 1.3 | 3 |
| Keweenaw Waterway (Pike Bay)** | FWS | 14.00 | BT-4.9 | 9/27/05 | 17.0 | 4.2 | 1.0 | 1 |
| Keweenaw Waterway (Portage Lake S. Entry) Keweenaw Waterway (Portage Lake S. Entry) | FWS FWS | 15.00 15.00 | BT-4.9 BT-4.9 | 5/17/05 9/27/2005 | 9.0 18.0 | 5.4 6 | 1.6 | |
| Keweenaw Waterway (Portage Lake S. Entry) Keweenaw Waterway (South Entry) | FWS | 10.00 | BT-4.9 BT-4.9 | 9/27/2005 5/17/05 | 7.0 | 7.6 | 3.3 2.2 | |
| Keweenaw Waterway (South Entry) | FWS | 10.00 | BT-4.9 | 9/27/05 | 17.0 | 7.5 | 3.2 | |
| Pequaming Bay | FWS | 28.00 | BT-4.9 | 5/18/05 | 5.5 | 14.1 | 5.0 | |
| Pequaming Bay | FWS | 6 trapnights | MWT | 5/18-19/05 | 5.8 | 3.4 | 5.4+ | |
| Pequaming Bay | FWS | 25.50 | BT-4.9 | 9/28/05 | 17.0 | 8.0 | 6.3 | |
| Pequaming Bay | FWS | 2 trapnights | MWT | 9/28-29/05 | 15.5 | 3.4 | 6.3 | |
| Marquette Lower Harbor | FWS | 24.00 | BT-4.9 | 5/19/05 | 9.0 | 8.1 | 7.5**** | |
| Marquette Lower Harbor** | FWS | 25.00 | BT-4.9 | 9/29/05 | 16.0 | 8.3 | 6.6**** | 1 |
| Marquette Upper Harbor | FWS | 20.00 | BT-4.9 | 5/20/05 | 7.0 | 9.5 | 8.0+ | |
| Marquette Upper Harbor | FWS | 20.00 | BT-4.9 | 9/29/05 | 16.0 | 10.1 | 5.6 | |
| Munising Bay | FWS | 15.00 | BT-4.9 | 5/20/05 | 6.5 | 9.6 | 8.0+ | |
| Munising Bay | FWS | 6 trapnights | MWT | 5/20-21/05 | 6.8 | 3.2 | 8.0+ | |
| Munising Bay | FWS | 18.00 | BT-4.9 | 9/30/05 | 15.5 | 10.0 | 5.3 | |
| Munising Bay | FWS | 3 trapnights | MWT | 9/30-10/1/05 | 15.5 | 3.3 | 5.3 | |
| Grand Marais (West Bay) | FWS | 63.00 | BT-4.9 | 5/21/05 | 9.0 | 10.6 | 5.0 | |
| Grand Marais (West Bay) | FWS | 23.00 | BT-4.9 | 10/1/05 | 15.0 | 10.9 | 2.2 | |
| Tahquamenon River | FWS | 29.00 | BT-4.9 | 5/22/05 | 13.8 | 4.2 | 1.1 | |
| Tahquamenon River | FWS FWS | 6 trapnights | MWT PT 4.0 | 5/22-23/05 | 13.5 | 4.2 | 1.1 | |
| Tahquamenon River | | 20.00 | BT-4.9 | 10/2/05 | 15.0 15.5 | 2.3 | 1.8 | |
| Tahquamenon River | FWS FWS | 3 trapnights | MWT FN | 10/2-3/05 10/2-3/05 | 15.5 15.5 | 3.0 0.9 | 1.8 1.8 | |
| Tahquamenon River | LAN2 | 3 trapnights | LIN | 10/2-3/05 | 15.5 | 0.9 | 1.0 | |
| | | | | | | | | RUFF |
| TOTALS | | 6.49 hours. | BT-4.9 | | | | | 5 |
| | | 26 trapnights | MWT FN | | | | | 0 0 |
| | | 3 trapnights Total Ruffe (Dedic | | e) | | | | |
| | | (20010 | | • | | | | - |
| | | | | | | Range of | | |
| Lake Superior (Reported Sampling Capable of | | • | | | | Depth (m) | | |
| Ausable Point | MIDNR | 732 meters | GN-50/56/63/69 | 8/29-30/05 | | 36-72 | | |
| Betsy River | FWS | 82 trapnights | PAT | 5/4-6/14/05 | 15.6 | 0.5 | | |
| Big Garlic River | PC | 59 trapnights | FN | 4/26-6/24/05 | 16.3 | 0.5-1.0 | | |
| Blind Sucker | FWS | 244 meters | GN-50/63 | 7/20-26/05 | 18.0 | 53-189 | | |
| Deer Park | FWS | 244 meters | GN-50/63 | 7/20-26/05 | 17.5 | 65-229 | | |
| Furnace Creek | PC | 58 trapnights | PAT CN 50/63 | 4/27-6/24/05 | 15.3 | 0.5 | | |
| Grand Marais Grand Portal-IN | FWS MIDNR | 244 meters 732 meters | GN-50/63 GN-50/56/63/69 | 7/20-26/05 8/30-31/05 | 18.0 | 53-238 24-66 | | |
| Grand Portal-IN Grand Portal-Out | MIDNR | 732 meters | GN-50/56/63/69 GN-50/56/63/69 | 8/30-31/05 8/30-31/05 | | 38-68 | | |
| Huron Bay | KB/FWS | 40 kilometers | BEL | 0/30-31/00 | | 30-00 | | |
| Isle Royale | FWS | 51 kilometers | BEL | 6/10-17/05 | 11.0 | | | |
| Isle Royale | FWS | 2,906 meters | BPEL | 6/12,15-16; 9/9-10,12-13,15 | 17.0 | | | |
| Isle Royale | FWS | 20 trapnights | FN | 6/8-10/05 | 8.0 | 1.3 | | |
| Kelsey Creek | KB | 610 meters | BPEL | | - * | - | | |
| Keweenaw Bay | KB | 2,744 meters | GN-50/63 | | | | | |
| Keweenaw Bay | KB/FWS | 40 kilometers | BEL | | | | | |
| Little Silver Creek | KB | 610 meters | BPEL | | | | | |
| Miners River | NPS/FWS | 94 trapnights | PAT | 5/4-6/20/05 | 13.2 | 0.5 | | |
| Misery River** | GLIFWC | 90 trapnights | PAT | 5/8-6/22/05 | 14.8 | 0.5 | | 1 |
| Nearshore/Offshore Lake Superior | USGS | 1,200.00 minutes | BT-11.9 | 4/27-6/18/05 | | 15.0-249.0 | | |
| Perry's Landing | MIDNR | 732 meters | GN-50/56/63/69 | 8/29-30/05 | | 30.0-59.0 | | |
| Rock River | FWS | 92 trapnights | PAT | 5/5-6/20/05 | 14.5 | 0.5 | | |
| Silver River | GLIFWC | 47 trapnights | FN | 5/8-6/24/05 | 16.7 | 0.5-1.0 | | |
| Tahquamenon River Thunder Bay*** | FWS | 129 trapnights | PAT BT-11.9 | 5/4-6/16/05 11/18/05 | 15.3 5.3 | 0.5 23 0-29 0 | | 1 |
| Thunder Bay*** Torch Lake (Keweenaw Waterway)*** | USGS MIDNR | 60.00 minutes | B1-11.9 HL | 11/18/05 9/5/05 | 5.3 | 23.0-29.0 | | 1 |
| Zano (namonam vratorway) | | | | 0,0,00 | | | | RUFF |
| Totals | | | HL | | | | | 1 |
| | | 6,404 meters | GN | | | | | 0 |
| | | 126 trapnights | FN | | | | | 0 |
| | | 545 trapnights | All Traps | | | | | 1 |
| | | 131 kilometers | BEL | | | | | 0 |
| | | 4,126 meters | BPEL | | | | | 0 |
| | - | 21.00 hours | BT-11.9 | _ pable of Capturing Ruffe Inci | dentalle | | | 1 3 |
| | | Total Ruffe (Repo Total Ruffe (Dedic | | | uentany) | | | 3 5 |
| | - | Total Ruffe (All Re | | Capable of Capturing Ruffe) | | | | 8 |
| Key to Agency: | | sh & Wildlife Service | | GLIFWC = Great Lakes Indian Fish & W | | ion | | |
| | | Geological Survey | | KB = Keweenaw Bay Tribal Natural Res | sources Dept. | | | |
| | NPS = Nationa MIDNR = Michi | l Park Service igan Department of Natur | al Resources | PC = Private Contractor | | | | |
| Key to Gear: | | | | DAT - Portoble A | | | | |
| Kay to Coor: | BT-4.9 = Bottom Trawl (4.9 m Headrope) BT-11.9 = Bottom Trawl (11.9 m Headrope) BEL = Boom Electrofishing | | | PAT = Portable Assessment Trap GN-50 = Gill Net (50 mm stretch mesh) | | | | |
| Rey to Gear. | | | | GN-50 = Gill Net (50 mm stretch mesh) GN-56 = Gill Net (56 mm stretch mesh) | | | | |
| Rey to Geal. | BEL = Boom F | | | | | | | |
| кеу ш беаг. | | ack Electrofishing | | GN-63 = Gill Net (63 mm stretch mesh) | GN-69 = Gill Net (69 mm stretch mesh) | | | |
| кеу ш беаг. | BPEL = Backpa FN = Fyke Net | _ | | GN-69 = Gill Net (69 mm stretch mesh) | | | | |
| кеу ш беаг. | BPEL = Backpa FN = Fyke Net MWT = Modifie | d Windermere Trap | | | | | | |
| кеу ш беаг. | BPEL = Backpa FN = Fyke Net MWT = Modifie * Unless spe | d Windermere Trap cified, effort is in minutes | | GN-69 = Gill Net (69 mm stretch mesh) | | | | |
| кеу ш беаг. | BPEL = Backpa FN = Fyke Net MWT = Modifie * Unless spe | d Windermere Trap cified, effort is in minutes where ruffe were captured | | GN-69 = Gill Net (69 mm stretch mesh) | | | | |